40'-0" SPAN
ELEVATOR HINGE
REAR VIEW OF TAIL
REAR BEAM
FRONT BEAM
M.A.C.
209.53"
130'-0" SPAN
44'-8"
42'-6"
8'-5"
12'-6"
11'-3"
34'-4 3/8"
L.W.L.
90'-6 1/16" OVERALL
24'-6"
61'-1 3/4"
20'-4.50"
18'-6.9"
77.35"
209.53 MAC
INCIDENCE
NORMAL
C.G. FULL LOAD
TANGENT TO STEPS
PARALLEL TO CHORD LINE
36'-2"
64'-6"
24'-7 1/16"

GLENN L
BALTIMORE, MA

OC
MAIL & PA
TRAN

MODE

Specif

AR

WING, INCL AILERONS ——
SPONSON EFFECTIVE AREA-
TOTAL LIFTING AREA ——
TOTAL HORIZONTAL TAIL AR
TOTAL VERTICAL TAIL AREA-

WEI

ITEM	46 PAS DAY
GROSS WEIGHT ——	51,0
EMPTY WEIGHT ——	25,3
USEFUL LOAD ——	25,6
CREW ——	8
FUEL ——	10,0
OIL ——	7
PASSENGERS ——	7,
BAGGAGE ——	1,
MAIL & CARGO ——	
EQUIPMENT ——	
PASSENGER EQUIPMENT	4,

PERFOR

ITEM	46 PASS DAY PL
MAXIMUM SPEED-FULL LOAD	
SEALEVEL ——	167
8,000 FT. ——	180
LANDING SPEED-FULL LOAD	70
SERVICE CEILING-FULL LOAD 3 ENGINES @ 2400 B.H.P. –	7,00
DURATION @ 4223 FT. ALT. @ 145 M.P.H. AVERAGE SPEED	10.0
RANGE-NO WIND	AIRSPEED
7,000 FT. ALT. ——	152 MPH-
12,000 FT. ALT. ——	160 MPH-

GENE

ENGINES-4-14 CYL. P.&W. TWIN
TOTAL POWER ——
ASPECT RATIO WING (S²/
RESERVE BUOYANCY (HULL O
GROSS DISPLACEMENT (INCL
C.G. IN % M.A.C. – MAIL PLAN
PASSENGER
WING LOADING (FULL LOAD
POWER LOADING (FULL LOA

Approved
Approved B.C

REVISED 9-16-35 W.W. SYMINGTON

REVIS
REVIS
REVIS
REVISE
REVISE
REVISE

CONTRACT	TRACED SURTEES	GEN ARRA
ITEM	APPROVED	
SCALE 1/4" = 1 FT.	DATE 3-25-33	

THE GLENN L. MAR
BALTIMORE, MARYLAND